

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : KANEBO LTD;

INVENTOR : MORITA KAZUYOSHI;

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TITLE : HAIR TONIC COSMETIC

ABSTRACT : PROBLEM TO BE SOLVED: To prepare a hair tonic cosmetic excellent in hair-growing effect and hair falling-off preventing effect.

SOLUTION: This hair tonic cosmetic is prepared by compounding a nerve growth factor(NGF) derived from human or animal (mouse, rat, chicken, bovine, etc.), for example, human  $\beta$ -nerve growth factor, NGF prepared from human placenta by purifying through gel filtration, ion-exchange chromatography, etc., NGF prepared from water extracts of mouse submaxillary gland or saliva by purifying through ionexchange chromatography, etc., NGF purified and prepared from bovine seminal plasma, NGF prepared from guinea pig prostate by purifying through column chromatography, NGF produced using animal cells or NGF produced by gene engineering technology.

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